

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 310098.402		APPLICATION NO. 08/782,480	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANTS Andrew C. Hiatt et al.		FILING DATE January 10, 1997	
				GROUP ART UNIT			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
AB							
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
AC	Ferkol et al., "Gene Transfer into Respiratory Epithelial Cells by Targeting the Polymeric Immunoglobulin Receptor," <i>J. Clin. Invest.</i> 92: 2394-2400, 1993.						
AD	Terskikh et al., "Dimeric Recombinant IgA Directed Against Carcino-Embryonic Antigen, A Novel Tool For Carcinoma Localization," <i>Molecular Immunology</i> 31(17): 1313-1319, 1994.						
AE	Hendrickson et al., "Altered Hepatic Transport of Immunoglobulin A in Mice Lacking the J Chain," <i>J. Exp. Med.</i> 182: 1905-1911, 1995.						
AF	Max and Korsmeyer, "Human J Chain Gene. Structure and Expression in B Lymphoid Cells," <i>Journal of Experimental Medicine</i> 161: 832-849, 1985.						
AG	Frutiger et al., "Disulfide Bond Assignment in Human J Chain and Its Covalent Pairing with Immunoglobulin M," <i>Biochemistry</i> 31: 12643-12647, 1992.						
AH	Kulseth and Rogne, "Cloning and Characterization of the Bovine Immunoglobulin J Chain cDNA and Its Promoter Region," <i>DNA and Cell Biology</i> 13(1): 37-42, 1994.						
AI	Rifai and Mannik, "Clearance Kinetics and Fate of Mouse IgA Immune Complexes Prepared with Monomeric or Dimeric IgA," <i>Journal of Immunology</i> 130(4): 1826-1832, 1983.						
AJ	Burns et al., "Protective Effect of Rotavirus VP6-Specific IgA Monoclonal Antibodies That Lack Neutralizing Activity," <i>Science</i> 272: 104-107, 1996.						
AK	Mazanec et al., "Intracellular Neutralization of Influenza Virus by Immunoglobulin A Anti-Hemagglutinin Monoclonal Antibodies," <i>Journal of Virology</i> 69(2): 1339-1343, 1995.						
AL	Kaetzel et al., "The polymeric immunoglobulin receptor (secretory component) mediates transport of immune complexes across epithelial cells: A local defense function for IgA," <i>Proc. Natl. Acad. Sci.</i> 88: 8796-8800, 1991.						
EXAMINER				DATE CONSIDERED			
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BA						

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
BB						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	Kaetzel et al., "Epithelial Transcytosis of Monomeric IgA and IgG Cross-linked Through Antigen to Polymeric IgA. A Role for Monomeric Antibodies in the Mucosal Immune System," <i>Journal of Immunology</i> 152: 72-76, 1994.
BD	Sheldrake et al., "Selective Transport of Serum-Derived IgA Into Mucosal Secretions," <i>Journal of Immunology</i> 132(1): 363-368, 1984.
BE	Mestecky et al., "The Role of the Liver in Catabolism of Mouse and Human IgA," <i>Immunological Investigations</i> 18(1-4): 313-324, 1989.
BF	Youngman et al., "Inhibition of IFN- γ Activity in Supernatants from Stimulated Human Intestinal Mononuclear Cells Prevents Up-Regulation of the Polymeric Ig Receptor in an Intestinal Epithelial Cell Line," <i>Journal of Immunology</i> 153: 675-681, 1994.
BG	Rifai et al., "Clearance Kinetics and Fate of Macromolecular IgA in Patients with IgA Nephropathy," <i>Laboratory Investigation</i> 61(4): 381-388, 1989.
BH	Emancipator and Lamm, "IgA Nephropathy: Overproduction of Decreased Clearance of Immune Complexes?" <i>Laboratory Investigation</i> 61(4): 365-367, 1989.
BI	Nagura et al., "Translocation of Dimeric IgA Through Neoplastic Colon Cells <i>In Vitro</i> ," <i>Journal of Immunology</i> 123(5): 2359-2368, 1979.
BJ	Mannik and Arend, "Fate of Preformed Immune Complexes in Rabbits and Rhesus Monkeys," <i>Journal of Experimental Medicine</i> 134(3 pt. 2): 19s-31s, 1971.
BK	
BL	

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 08/27/2000

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 310098.402		APPLICATION NO. 08/782,480	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Andrew C. Hiatt et al.			
				FILING DATE January 10, 1997		GROUP ART UNIT 1651	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AH						
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	AK						
	AL						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AM	Henneberg et al., "Antibrain Antibodies in Alcoholic Patients," <i>Alcohol & Alcoholism</i> 28(2): 181-187, 1993.
	AN	Hammond, "Ultrastructural Characteristics of Surface IgM Reactive Malignant Lymphoid Cells," <i>Experimental Research</i> 59: 359-370, 1970.
	AO	Valnes and Brandtzaeg, "Comparison of Paired Immunofluorescence and Paired Immunoenzyme Staining Methods Based on Primary Antisera from the Same Species," <i>The Journal of Histochemistry and Cytochemistry</i> 30(6): 518-524, 1982.
	AP	Brown and Koshland, "Evidence for a long-range conformational change induced by antigen binding to IgM antibody," <i>Proc. Natl. Acad. Sci. USA</i> 74(12): 5682-5686, 1977.
	AQ	Brandtzaeg and Baklien, "Immunohistochemical studies of the immunoglobulin-producing cell systems of the human intestinal mucosa," <i>Acta histochemica, Suppl.</i> 21: 105-119, 1980.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,837,167	06/06/89	Schoemaker et al.	436	513	
	AB	5,240,833	08/31/93	Nudelman et al.	435	70.21	
	AC	5,484,707	01/16/96	Goldblum and Rajaraman	435	7.92	
	AD	5,512,443	04/30/96	Schlom et al.	435	7.23	
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	AL	WO 98/30592	07/16/98	PCT		
	AM					
	AN					
	AO					
	AP					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AQ	Tamer et al., "Comparative Studies of Transcytosis and Assembly of Secretory IgA in Madin-Darby Canine Kidney Cells Expressing Human Polymeric Ig Receptor," <i>The Journal of Immunology</i> 155: 707-714, 1995.
	AR	
	AS	

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THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANTS Andrew C. Hiatt et al.			
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	AL	JP 58134032	08/10/83	Japan (Abstract only)			
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